

AUG 29 2006

Application No. 10/506541  
After Final Office Action of March 6, 2006

Docket No.: 05587-00369-US

**AMENDMENTS TO THE CLAIMS**

1. (Previously presented) A thermoplastic molding composition comprising
  - a) from 20 to 99% by weight of a thermoplastic polymer selected from the group consisting of polyolefin, modified polyolefin; polyacrylate, polymethacrylate, polymers produced via polymerization of esters and/or amides of acrylic or methacrylic acid, and also their copolymers, polyamide, polyester, polycarbonate, polyether, polythioether, polyphenylene oxide, polyarylene sulfides, and their mixtures
  - b) from 10 to 80% by weight of a reinforcing fiber ~~from 0.1 to 80% by weight of an additive selected from the group consisting of fillers, reinforcing materials, impact modifiers, and their mixtures, and~~
  - c) from 0.00001 to 1.0% by weight of a phosphane, sulfonium salt or a titanyl compound and/or 0.00001 to 0.03% by weight of a phosphonium salt or ammonium salt or their mixtures as a catalyst which catalyzes the formation of covalent bonds between the thermoplastic polymer and the surface of the additive.
2. cancelled
3. (Currently amended) The thermoplastic molding composition as claimed in claim 1, wherein the amount of component a) is from 20 to 99% by weight, ~~that of component b) is from 0.1 to 80% by weight,~~ and that of component c) is phosphane, sulfonium salt or a titanyl compound in an amount from 0.00001 to 0.5% by weight.
4. (Original) The thermoplastic molding composition as claimed in claim 1, wherein use is made of a catalyst or a mixture of catalysts which catalyzes transesterification,

452618

Application No. 10/506541  
After Final Office Action of March 6, 2006

Docket No.: 05587-00369-US

transamidation, or transurethanization reactions, or catalyzes the formation of ester groups, amide groups, and urethane groups.

5. (Previously presented) The thermoplastic molding composition as claimed in claim 1, wherein the catalyst is a Lewis acid and is not a Brønsted acid.
6. (Cancelled)
7. (Cancelled)
8. (Cancelled)
9. (Previously presented) The thermoplastic molding composition as claimed in claim 1, wherein the catalyst is selected from the group consisting of ethyltriphenylphosphonium bromide, tetraphenylphosphonium bromide, tetrabutylphosphonium bromide, stearyl-tributylphosphonium bromide, triphenylphosphane, and their mixtures.
10. (Original) The thermoplastic molding composition as claimed in claim 2, wherein the long-fiber-reinforced thermoplastic molding composition is a glass fiber bundle which has been sheathed by one or more layers of the thermoplastic matrix polymer, so that the fibers have been impregnated with the thermoplastic matrix polymer.
11. (Original) The thermoplastic molding composition as claimed in claim 10, wherein the glass fiber bundle has been wetted by the thermoplastic polymer or by a blend of thermoplastic polymers, and the impregnated glass fiber bundle has been sheathed by

Application No. 10/506541  
After Final Office Action of March 6, 2006

Docket No.: 05587-00369-US

another component, and the impregnated glass fiber bundle and the other component have been bonded to one another at the surface.

12. (Original) A molded article obtainable via shaping of a thermoplastic molding composition as claimed in claim 1.

13-15. (Cancelled)

16. (Previously presented) The polyacetal molding composition as claimed in claim 1, wherein the catalyst is a titanyl compounds of the structure  $[Ml^{p+}]_s[TiO]^{2+}[A^r]_t$ , wherein  
p is 1 or 2,  
s is 0, 1 or 2,  
Ml is a mono- or divalent metal,  
A is an r-valent anion,  
r and t, independently of one another, are 1 or 2, and  
 $s \cdot p + 2$  is equal to  $r \cdot t$ .

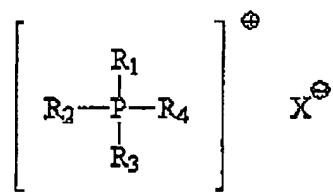
17. (Previously presented) The polyacetal molding composition as claimed in claim 16, wherein  
Ml is an alkali metal,  
A is an acetic acid or oxalic acid,  
p=1,  
s=0 or 2,  
r=1 or 2, and

Application No. 10/506541  
After Final Office Action of March 6, 2006

Docket No.: 05587-00369-US

t=2.

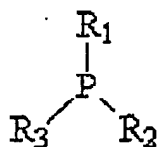
18. (Previously presented) The polyacetal molding composition as claimed in claim 1,  
wherein the catalyst is  
phosphonium salts which are compounds of the formula II



where  $R_1$ ,  $R_2$ ,  $R_3$ , and  $R_4$  are identical or different, and are monovalent organic radicals,  
 $X$  is be a halogen atom, and/or an -OR or -R group, where R is alkyl or aryl.

19. (Previously presented) The polyacetal molding composition as claimed in claim 18,  
wherein  
 $R_1$  to  $R_4$  are identical or different and have from 2 to 10 carbon atoms and at least one of  
the radicals  $R_1$  to  $R_4$ , is an aryl radical.

20. (Previously presented) The polyacetal molding composition as claimed in claim 1,  
wherein the catalyst is  
phosphanes of the formula IIa



where the radicals  $R_1$  to  $R_3$  are identical or different, and are monovalent organic radicals.

452618

Application No. 10/506541  
After Final Office Action of March 6, 2006

Docket No.: 05587-00369-US

21. (Previously presented) A thermoplastic molding composition as claimed in claim 1,  
wherein the thermoplastic polymer is a polyester.
22. (Previously presented) A thermoplastic molding composition as claimed in claim 1,  
wherein the amount of component c) is 0.0001 to 0.03 % by weight of a catalyst selected  
from the group consisting of phosphonium salt, phosphane, sulfonium salt, ammonium  
salt or their mixtures.